

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A touch sensitive display device comprising an elastic structure with a multiple of picture elements and having means for applying driving voltages to said picture elements, the elastic structure comprising touch sensitive elements, the touch sensitive display device having means for monitoring the electrical characteristics of said touch sensitive elements and sensing a change in said electrical characteristics, wherein the touch sensitive elements comprise quantum tunneling composites.

2. (Currently Amended) A touch sensitive display device as claimed in claim 1 in which 1, wherein the touch sensitive elements at least have a nonlinear resistive part.

Claim 3 (Canceled)

4. (Currently Amended) A The touch sensitive display device as claimed in claim 1 ~~in which 1,~~ wherein the means for monitoring the electrical characteristics of the touch sensitive elements comprise at least an electrode of a picture element.

5. (Currently Amended) A The touch sensitive display device as claimed in claim 1 ~~in which 1,~~ wherein the picture elements comprise at least one capsule containing an electro-optical medium.

6. (Currently Amended) A The touch sensitive display device as claimed in claim ~~1~~ claim 5, wherein the electro-optical medium being includes a liquid crystal, a guest host system or an electrophoretic medium.

7. (Currently Amended) A The touch sensitive display device as claimed in claim 1 ~~in which 1,~~ wherein the means for monitoring the electrical characteristics monitor the electrical characteristics

of at least one row of picture elements.

8. (Currently Amended) A touch sensitive display device as claimed in claim 1 ~~in which 1~~, wherein the means for monitoring the electrical characteristics monitor the electrical characteristics of at least one column of picture elements.

9. (Currently Amended) A touch sensitive display device as claimed in claim 1 ~~in which 1~~, wherein the means for monitoring the electrical characteristics monitor the electrical characteristics of a block of picture elements.

10. (New) A touch sensitive display comprising:

picture elements;

at least one driver to drive the picture elements; and

pressure sensitive elements having changeable electrical characteristics in response to a strain, the pressure sensitive elements comprising quantum tunneling composites.

11. (New) The touch sensitive display of claim 10, wherein the

picture elements are encapsulated using a polymer network, the polymer network including the pressure sensitive elements.

12.(New) The touch sensitive display of claim 10, wherein the picture elements are suspended in a medium, the pressure sensitive elements being included in the medium.

13.(New) The touch sensitive display of claim 10, wherein the pressure sensitive elements have a resistivity that depends on the strain.

14.(New) The touch sensitive display of claim 10, wherein the pressure sensitive elements have a nonlinear resistivity that depends on the strain.

15.(New) A touch sensitive display device comprising:
picture elements;
at least one driver to drive the picture elements; and
a pressure sensitive elements having changeable electrical characteristics in response to a strain, the pressure sensitive

elements comprising conducting particles with dendrites; the conducting particles being separated from each other and being configured to transfer electrons through the dendrites when a spacing between the dendrite is reduced by the strain.

16.(New) The touch sensitive display of claim 15, wherein the picture elements are encapsulated using a polymer network, the polymer network including the pressure sensitive elements.

17.(New) The touch sensitive display of claim 15, wherein the picture elements are suspended in a medium, the pressure sensitive elements being included in the medium.

18.(New) The touch sensitive display of claim 15, wherein the pressure sensitive elements have a resistivity that depends on the strain.

19.(New) The touch sensitive display of claim 15, wherein the pressure sensitive elements have a nonlinear resistivity that depends on the strain.

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20.(New) The touch sensitive display of claim 15, wherein the transfer of electrons reduces resistivity of the pressure sensitive elements.